I FELIX ENGLIS I CELER COLO CENTE ELLO CON LEGIO EL CON ELLO CON CELE CON CENTE I DE CONTROL CON CENTE ELLO CO

(43) International Publication Date 13 October 2005 (13.10.2005) (10) International Publication Number WO 2005/094448 A3

(51) International Patent Classification: A61K 31/606 (2006.01) A61K 31/194 (2006.01)

A61K 31/192 (2006.01) A61K 31/196 (2006.01)

(21) International Application Number:

PCT/US2005/009325

English

(22) International Filing Date: 22 March 2005 (22.03.2005)

(26) Publication Language: English

(30) Priority Data:

(25) Filing Language:

60/555,551 23 March 2004 (23.03.2004) US

(71) Applicant (for all designated States except US): NOBEX CORPORATION [US/US]; P.O. Box 13940, Research Triangle Park, NC 27709 (US).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): EKWURIBE, Nnochiri, N. [NG/US]; 216 Coltsgate Drive, Cary, NC 27511 (US). LIDDLE, Rodger [US/US]; 3800 Darwin Road, Durham, NC 27707 (US).
- (74) Agent: BARRETT, William, A.; Moore & Van Allen PLLC, 430 Davis Drive, PO Box 13706, Research Triangle Park, NC 27709 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

- with international search report
- (88) Date of publication of the international search report: 17 August 2006
- (15) Information about Correction:
 Previous Correction:
 see PCT Gazette No. 27/2006 of 6 July 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS AND COMPOSITIONS EMPLOYING 4-AMINOPHENYLACETIC ACID COMPOUNDS

(57) Abstract: The invention provides compositions comprising 4-APAA compounds and methods for treating disorders involving inflammation of the digestive system and/or mucosal tissues, such as inflammatory bowel disease. The methods and compositions of the invention also include combinations of 4-APAA compounds and 5-ASA compounds for treatment of such disorders.